

Grzegorz Gula

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

285
citations

9
h-index

16
g-index

19
ext. papers

374
ext. citations

6.3
avg, IF

2.71
L-index

| # | Paper | IF | Citations |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 18 | Emerging Phage Resistance in PAO1 Is Accompanied by an Enhanced Heterogeneity and Reduced Virulence. <i>Viruses</i> , 2021 , 13, | 6.2 | 4 |
| 17 | The Application of Impedance Spectroscopy for Biofilm Monitoring during Phage Infection. <i>Viruses</i> , 2020 , 12, | 6.2 | 5 |
| 16 | Complex Signaling Networks Controlling Dynamic Molecular Changes in Pseudomonas aeruginosa Biofilm. <i>Current Medicinal Chemistry</i> , 2019 , 26, 1979-1993 | 4.3 | 14 |
| 15 | Interspecies Outer Membrane Vesicles (OMVs) Modulate the Sensitivity of Pathogenic Bacteria and Pathogenic Yeasts to Cationic Peptides and Serum Complement. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 13 |
| 14 | PA5oct Jumbo Phage Impacts Planktonic and Biofilm Population and Reduces Its Host Virulence. <i>Viruses</i> , 2019 , 11, | 6.2 | 17 |
| 13 | The O-specific polysaccharide lyase from the phage LKA1 tailspike reduces Pseudomonas virulence. <i>Scientific Reports</i> , 2017 , 7, 16302 | 4.9 | 53 |
| 12 | Autonomous system for in Situ Assay of Antibiotic Activity on Bacterial Biofilms Using Viscosity and Density Sensing Quartz Tuning Forks. <i>Procedia Engineering</i> , 2016 , 168, 745-748 | | 1 |
| 11 | Quartz tuning fork as in situ sensor of bacterial biofilm. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 825-829 | 8.5 | 3 |
| 10 | Characterization of the Newly Isolated Lytic Bacteriophages KTN6 and KT28 and Their Efficacy against Pseudomonas aeruginosa Biofilm. <i>PLoS ONE</i> , 2015 , 10, e0127603 | 3.7 | 53 |
| 9 | Quartz Tuning Fork as in-situ Sensor of Bacterial Biofilm. <i>Procedia Engineering</i> , 2014 , 87, 369-372 | | 1 |
| 8 | Evaluation of Pseudomonas aeruginosa biofilm formation using Quartz Tuning Forks as impedance sensors. <i>Sensors and Actuators B: Chemical</i> , 2013 , 189, 60-65 | 8.5 | 13 |
| 7 | Piezoelectric tuning fork based mass measurement method as a novel tool for determination of antibiotic activity on bacterial biofilm. <i>Sensors and Actuators B: Chemical</i> , 2012 , 175, 34-39 | 8.5 | 9 |
| 6 | Evaluation of Pseudomonas aeruginosa Biofilm Formation using Quartz Tuning Forks as Impedance Sensors. <i>Procedia Engineering</i> , 2012 , 47, 631-634 | | 1 |
| 5 | Evaluation of Pseudomonas aeruginosa biofilm formation using piezoelectric tuning fork mass sensors. <i>Sensors and Actuators B: Chemical</i> , 2012 , 170, 7-12 | 8.5 | 33 |
| 4 | Piezoelectric Tuning Fork Mass Sensors as a Novel Tool for Determination of Antibiotic Activity on Pseudomonas Aeruginosa Biofilm. <i>Procedia Engineering</i> , 2011 , 25, 980-983 | | 2 |
| 3 | Evaluation of Pseudomonas aeruginosa biofilm formation using piezoelectric tuning forks mass sensors. <i>Procedia Engineering</i> , 2010 , 5, 820-823 | | 9 |
| 2 | The interaction between Pseudomonas aeruginosa cells and cationic PC:Chol:DOTAP liposomal vesicles versus outer-membrane structure and envelope properties of bacterial cell. <i>International Journal of Pharmaceutics</i> , 2009 , 367, 211-9 | 6.5 | 47 |

- 1 Pseudomonas aeruginosa PA5oct jumbo phage impacts planktonic and biofilm population and reduces its host virulence